Uflow®
Automation
INDIA

PINCH TYPE SOLENOID VALVE
(Normally Close)

Automation Simplified...

Solenoid Valve | Angle Seat Valve | Rotary Coupling
Pneumatic Directional Control Valve | Actuator
Cylinder | One Touch Fitting | Ball Valve
Butterfly Valve

Country of Origin - INDIA

TÜV NORD ISO 9001:2015

Pinch Type Solenoid Valve (NC / NO)

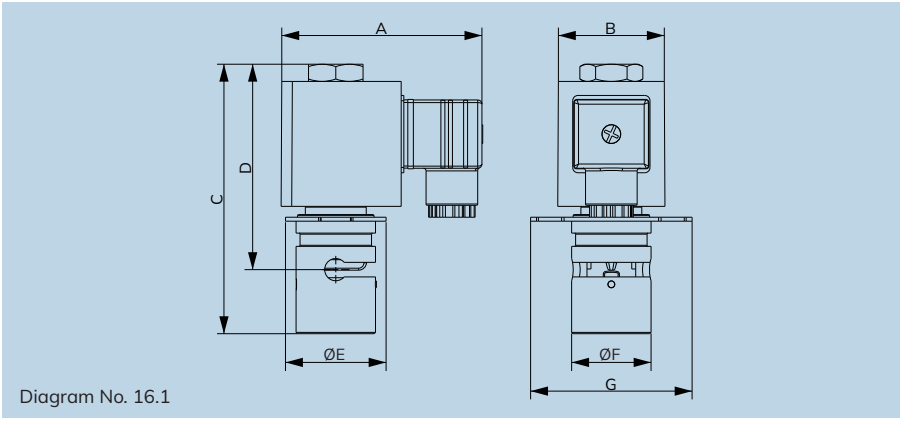


Diagram No. 16.1

Specifications

Body :	Aluminum
Internal Parts :	Stainless Steel
Sealing :	Polyamide
Seats, Core Tube, Springs	Stainless Steel
Operating Voltage :	12V DC / 24V DC / 230V AC
Power Consumption :	20W / 20W / 20W
Application :	Water, Food, Gas, Medicine, Hospital & Health, Petro Chemistry
Coil Housing :	Epoxy Square Coil
Coil Features :	High Reliability Unaffected by Voltage Surges. Easy coil changes coil lockable in 4X90 position or freely movable in between as require.
Other Specification Data :	Available on Request

Dimension

All dimensions are approx.

Model No.	Diagram No.	A	B	C	D	ØE	ØF	F
P08Y	16.1	76	40	102	78	38	30	61
P08ZY	16.1	76	40	102	88	38	30	61

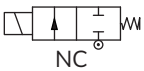
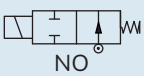
Features

- ☑ There are different models for different tube diameter.
- ☑ The tubing is the only material in contact with the fluid.
- ☑ Bobbin up in a vertical position should be preferred.
- ☑ Fluid not in contact with metal parts.
- ☑ The differential pressure of this product is 0 bar
- ☑ Solenoid valves must be used with filtered fluids
- ☑ Compact and low weight valve enabling easy and quick installation.
- ☑ Stiffness of Hose: Max. 55 Shore A
- ☑ Usage Areas : Dialysis Machines, Pharmaceutical Industry, Medical Laboratories, Food Industry, Bioreactors, Blood Transf Unit, Tissu Transplantation Units.

Advantages

- ☑ Low Pressure Loss: Pinch valves at are very few pressure loss. This low pressure system reason it is preferred to perform the flow without causing further loss pressure.
- ☑ Use Amenities Containing Particulate in Fluids: Pinch valves use in streams containing small particles is an advantage. small parts such as sand can lead to clogging or orifice solenoid coil blubbering normal valves. The use of pinch valves is an advantage in such cases.
- ☑ Ease of change: In case of any malfunction in a very easy way pinch valves even the is possible to provide changes without the need stopping the flow.
- ☑ Being the Just Fow in Contact With Hosepipe: Is no material or seal outside Hose in pinch valves to be in contact with the fluid. This feature is of great importance for chemicals that are react with a hygienic risks flow or

Technical Data

Symbol	Model No.	Tubings		Min. Tubings Wall Thickness	Max. Operating Pressure Kg/cm²
		Inside Diameter	Outside Diameter		
 NC	P09Y	6	9	1.5	0.5
	PA09ZY	6	9	1.5	0.5
	P08Y	5	8	1.5	0.5
	PA08ZY	5	8	1.5	0.5
 NO	P07Y	4	7	1.5	0.5
	PA07ZY	4	7	1.5	0.5
	P06Y	3	6	1.5	0.5
	PA06ZY	3	6	1.5	0.5

PINCH TYPE SOLENOID VALVE MODEL IDENTIFICATION CHART

P	09	-	Y	-	-
01	02	03	04	05	06

01	PRODUCT TYPE
P	2 Way Pinch Valve

02	BODY MATERIAL
09	APPLICABLE TUBING OD 9MM
08	APPLICABLE TUBING OD 8MM
07	APPLICABLE TUBING OD 7MM
06	APPLICABLE TUBING OD 6MM

03	VALVE POSITION
-	NC
Z	NO

04	COIL DIA
X	16MM AC
Y	16MM DC

05	CONFIG
-	REGULAR
C1	CONFIG 1
C2	CONFIG 2
C3	CONFIG 3
⋮	⋮
C9	CONFIG 9
CA	CONFIG 10
CB	CONFIG 11

06	VERSION
-	VERSION 0
V1	VERSION 1
V2	VERSION 2
V3	VERSION 3
⋮	⋮
V9	VERSION 9
VA	VERSION 10
VB	VERSION 11

Uflow® Automation INDIA

P09Y
2 WAY PINCH VALVE APPLICABLE TUBING OD 9MM
Aluminium-NC-16MM DC

Note : The above chart is for identification purposes only, and it may not be possible to make all combinations for the above chart.